

SHEETS I AND

366

CHANGES

MAY 1969 (F) FOR

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otsandard is mandatory for use by all Departments and Agencies inent of Befense. Selection for all new entimeering and design and for repetitive use shall be made from this document.

MATERIAL Carbon steel in accordance with Fed Std No 66

PROTECTIVE COATING. Cadmium plated in accordance with QQ-P-416, type II, class 3
THREADS The threads shall be in accordance with Screw-Thread Standards for Federal Services,
Handbook M28
THREAD LENGTH Screws 2 000 inches long and shorter shall have complete threads extending to within
two threads of the bearing surface of the head, or closer if practicable Longer
screws shall have a minimum thread length of 1 750 inches

RECESS The recess shall be in accordance with M59006

DIMENSIONS
All dimensions are in inches
TART NUMBER
THE MS part number consists of the MS number, plus the dash number
Example MS35207-201

ENSILE STRENCTH Based on 60,000 PSI minimum ultimate tensile strength, Load pounds are calculated by the stress areas indicated in Screw-Thread Standards for Federal Services,
Handbook M28.

Referenced documents shall be of the issue in effect on date of invitations for bid.
For design feature purposes, this standard takes precedence over procurement documents referenced
herein

SUPERSEDES
MS35205, MS35209, MS35211, MS35222, MS35224, MS35226, MS35226, and in part MS24584(USAF),
MS35357, MS35359 thru MS35362, NS35364 thru MS35366, ANS20 and ANS26.

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TABLE 11 - INTERCHANGEABILITY

Screws covered by the following cancelled dash numbers are cancelled after 5 April 1962. The cancelled screws cannot always replace the new screws and should be used until existing stocks are depleted. Use only the new screws for design and replacement. Replacement shall be in accordance with this table

PART NUMBERS

CANCELLED		NE/n	CANCE	LED NEW		CANCELLED		NEW	CANCELLED		XE's	0
MS35205 MS35207 MS35209 MS35211	NS35222 NS35224 NS35226 NS35228	MS35207	MS35205 MS35207 MS35209 MS35211	MS35222 MS35224 MS35223 MS35228	MS35207	M524584 M535205 M535207 M535209 M535211	MS35222 MS35224 MS35226 MS35228	MS35207	MS24584 MS35205 MS35207 MS35209 MS35211	MS35222 MS35224 MS35226 MS35228	MS35207	OCT 1964 (D
1 2 3 4 5	1 2 3 4 5	201 202 203 204 205	27 26 29 30 31	30 31 32 33 34	230 231 232 233 234	51 52 53 54 55	59 60 61 62 63	259 260 261 262 263	79 80 81	90 91 92 93	289 290 291 292 293	202
6 7 8 9	6 7 8 9	206 207 208 209 210	32 33 34 35 36	35 36 37 38 39	235 236 237 238 239	56 57 58 59 60	64 65 66 67 68	264 265 266 267 268	82 93 84 85 86	94 95 96 97 98	294 295 296 297 298	361 NUL 81
10 11 12 13 14	11 12 13 14 15	211 212 213 214 215	37 38 39 40 41	40 41 42 43 44	240 241 242 243 244	61 62 63 64 65	69 70 71 72 73	269 270 271 272 273	87 88 89 90 91	99 100 101 102 103	299 300 301 302 303	APR 1962 (
15 16 17 18 19	16 17 18 19 20	216 217 218 219 220	42 43 44 45 46	45 46 47 48 49	245 246 247 248 249	66 67 68	74 75 76 77 78	274 275 276 277 278	92 93 94	104 105 106 107 108	304 305 306 307 308	REVISED (A) 5 AI
20 21 22	21 22 23 24 25	221 222 223 224 225	47 48 49 50	50 51 52 53 54	250 251 252 253 254	69 70 71 72 73	79 80 81 82 83	279 260 281 292 283	95 96 97 98 99	109 110 111 112 113	309 310 311 312 313	1953 REVI
23 24 25 26	26 27 28 29	226 227 228 229		55 56 57 59	255 256 257 258	74 75 76 77 78	84 85 86 87 86	284 285 286 287 288	100 101 102 103 104	114 115 116 117 118	314 315 316 317 318	25 JUN 1
								•	105	119	319	APPROVED

MILITARY STANDARD SCREW, MACHINE - PAN HEAD, GROSS-RECESSED, MS 35207 CARBON STEEL, CADMIUM PLATED, UNF-2A (IN /MM) PROCUREMENT SPECIFICATION SUPERMOUS PF-5-92 See note 11

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TABLE III - INTERCHANGEABILITY

PART NUMBERS		PART NU	nders	PART NU	MBERS	PART NUMBERS		
CANCELED	NEV	CANCELED	NEV	CANCELED	NEV	CANCELED	XEV	
AM520	-212 -213 -214 -215 -216 -217 -219 -220 -221 -222 -223	AN520-5822 -5826 -5826 -5826 -6826 -6826 -6877 -6810 -6810 -6816 -6816 -6820 -6820 -6822 -6824 -6826 -6821 -6828 -682	M535207-226 -227 -228 -229 -230 -231 -242 -233 -234 -235 -236 -237 -238 -244 -245 -244 -245 -246 -247 -248 -249 -255 -250 -251 -259 -250 -251 -259 -266 -267 -266 -267 -268 -269	AN520-10R26 -10R26 -10R30 -10R30 -10R36 -10R40 -10R40 -10R48 -416R6 -416R7 -416R8 -416R10 -416R12 -416R16 -416R18 -416R18 -416R18 -416R20 -416R22 -416R24 -416R26 -416R28 -416R32 -416R44 -416R32 -416	MS35207-270 -271 -272 -273 -274 -275 -277 -278 -279 -280 -281 -282 -283 -286 -287 -286 -287 -288 -290 -290 -291 MS35207-226 -227 -228 -230 -231 -232 -233 -234 -235 -236 -237 -238 -238 -244 -245 -244 -245 -246	AN526-836R12 -836R16 -836R18 -836R18 -836R18 -836R22 -836R26 -836R26 -836R26 -836R30 -836R30 -836R40 -836R40 -836R40 -836R40 -836R40 -836R40 -1032R2 -1032R4 -1032R12 -1032R12 -1032R12 -1032R12 -1032R14 -1032R16 -1032R20 -1032R30 -1032R40 -1032R40 -428R10 -428R10 -428R30 -428R30 -428R40 -428R40	NS35207-247 -248 -249 -250 -251 -252 -253 -253 -255 -256 -257 -259 -260 -261 -262 -263 -264 -264 -264 -264 -271 -271 -271 -271 -277 -271 -277 -271 -277 -271 -277 -271 -277 -279 -280 -280 -280 -280 -280 -280 -280 -280	
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